

PAGE 1/2

ISSUE 06-02-18

SERIE : SPnT

PART NUMBER : R573423605LP

RF CHARACTERISTICS

Number of ways : **6**
 Frequency range : **0 - 18 GHz**
 Impedance : **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18
VSWR max	1.20	1.30	1.40	1.50
Insertion loss max	0.20 dB	0.30 dB	0.40 dB	0.50 dB
Isolation min	80 dB	70 dB	60 dB	60 dB
Average power (*)	240 W	150 W	120 W	100 W

Passive intermodulation	
Tone 1	1810 MHz, approximately 43 dBm
Tone 2	1850 MHz, approximately 43 dBm
3 rd order PIM	- 160 dBc at 1770 MHz

Depending on application, carrier powers and frequencies, PIM measurements can vary.
 PIM testing is not measured during product acceptance test.

ELECTRICAL CHARACTERISTICS

Actuator : **LATCHING**
 Nominal current ** : **125 mA / RESET : 750 mA ******
 Actuator voltage (Vcc) : **28V (24 to 30V) / NEGATIVE COMMON**
 Terminals : **25 pins D-SUB male connector**

MECHANICAL CHARACTERISTICS

Connectors***** : **SMA female per MIL-C 39012**
 Life : **2 million cycles per position**
 Switching Time*** : **< 15 ms**
 Construction : **Splashproof**
 Weight : **< 220 g**

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range : **-25°C to +70°C**
 Storage temperature range : **-55°C to +85°C**

(* Average power at 25°C per RF Path)
 (** At 25° C ±10%)
 (***) Nominal voltage ; 25° C)
 (**** Recommended mating torque: 80-120 N.cm)



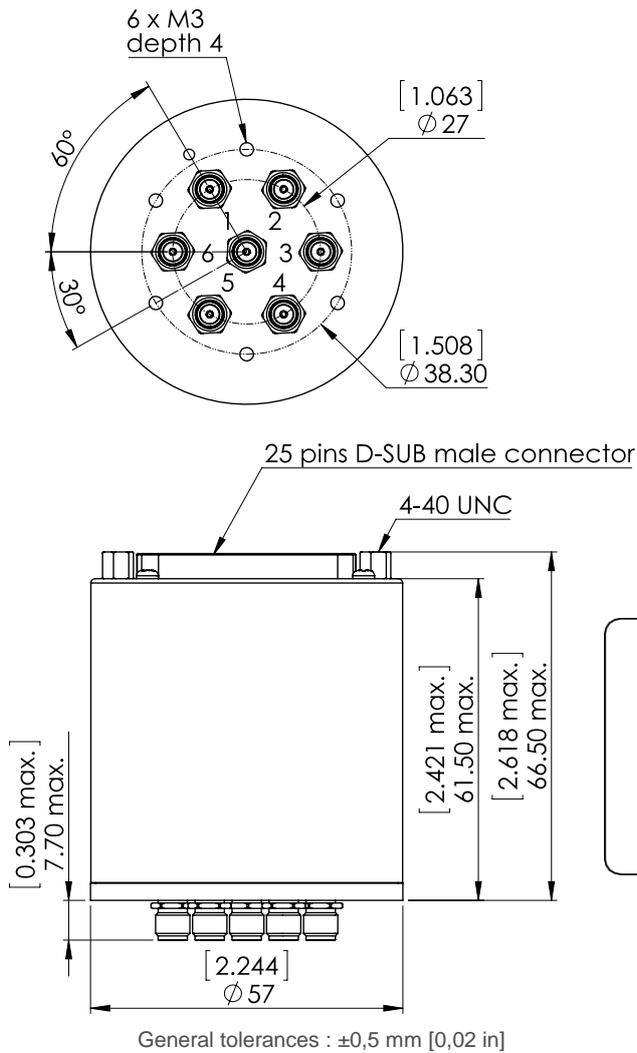
PAGE 2/2

ISSUE 06-02-18

SERIE : SPnT

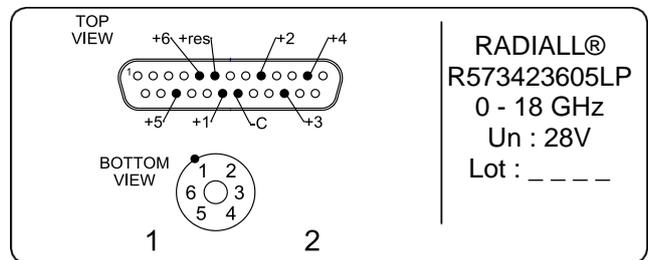
PART NUMBER : R573423605LP

DRAWING



Voltage	RF Continuity
-C +RESET	All ports open
-C +1	IN ↔ 1
-C +2	IN ↔ 2
-C +3	IN ↔ 3
-C +4	IN ↔ 4
-C +5	IN ↔ 5
-C +6	IN ↔ 6

LABEL



SCHEMATIC DIAGRAM

